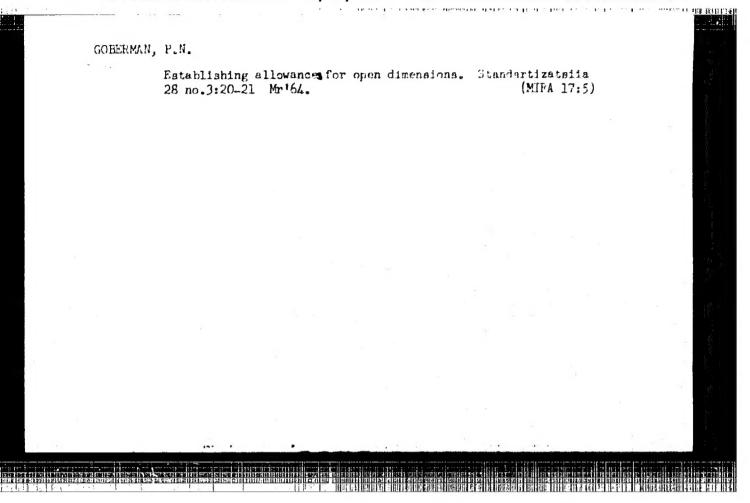
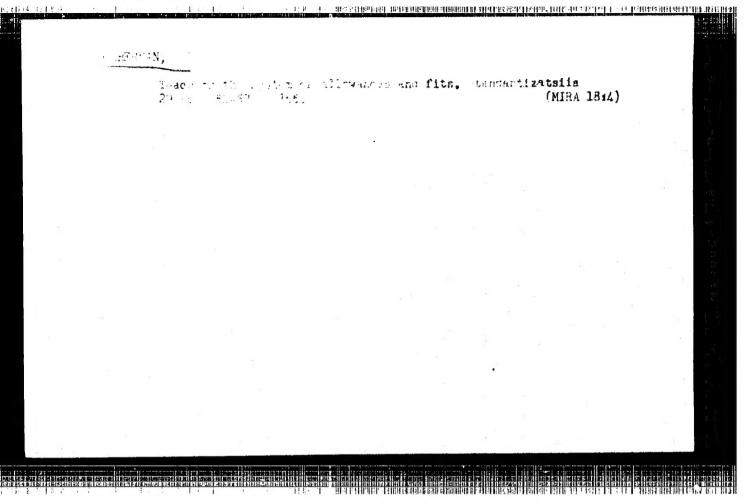


ABADZHI, K.I.; BOYTSOV, A.N.; VOLOSEVICH, F.P.; COMERMAN, P.N.;
KEMPINSKIY, M.M.; KUTAY, A.K.; MAKINSKIY, F.T.; UDING,
G.A.; TAYTS, B.A.; RUBINOV, A.D.; SHTYURMER, G.A.;
ERZHEZINSKIY, M.L., kand. tekhn. nauk, retsenzent;
SHAIAYEVSKIY, O.V., red.; LEYKINA, T.L., red.izd-va;
SPERANSKAYA, O.V., tekhn. red.

[Hamdbook on production control in the machinery industry]
Spravochnik po proizvodstvennomu kontroliu v mashinostroenii. Izd.2., perer. 1 dop. Moskva, Mashgiz, 1964. 748 p.

(MIRA 17:3)





APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000615510020-1"

GOBERMAN, Tatlyana Nikolayevna; EPSHTEYN, B.S., inzh., red.; FREGER, D.F., red. izd-va; GVIRTS, V.L., tekhn. red.

[Using automatic photoelectric devices at the Izhora Plant] Frimenenie fotcelektricheskoi avtomatiki na Izhorskom zavode. İkningrad, 1960.

14 p. (Leningradskii Dom nauchmo-tekhnicheskoi propagandy. Ohmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no.14)

(Kolpino-Mashinery industry)

(Photoelectric measurements)

GOBERMAN, V.A., kandidat tekhnicheskikh nauk; GOBERMAN, L.A., kandidat tekhnicheskikh nauk.

Using automobiles in farming. Mekh. i elek.sel'khos. no.4:76-85 Ap '53.

(MURA 6:5)

(Motor trucks)

GOBERMAN, V. A., Acad.

Agricultural Machinery

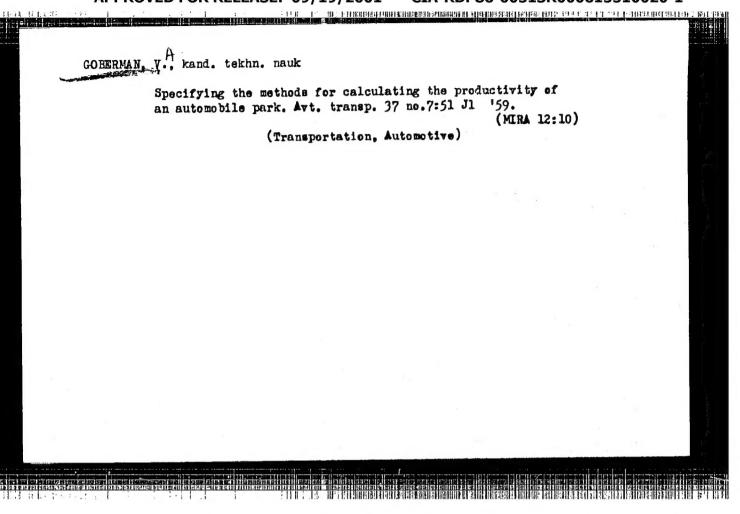
Conditions for effective use of conveying machinery in agriculture. Dokl. Akad. sel'khoz. 18, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl

"Concerning Research in Organizational Works of Automobile and Harvestin, Aggregates"

Doklady Vsesoyuznov Ordena Lenina Akademii Sel'skokhozyaystvennykh Nauk izeni V. I.

Joyina, No 1, 1956, pp 30-33, Uncl



THE CONTROL OF THE CONTROL OF THE PROPERTY OF

GOBERMAN, Vitaliy Aleksendrovich; GOBERMAN, Lev Aleksendrovich; KHAM/AKENKO, G.V., red.; TIKHOMIROV, N.N., retsenzent; SEDOVA, A.P., red. izd-va; MAL'KOVA, N.V., tekhn. red.

[Mechanization of loading and unloading operations in transporting agricultural loads] Mekhanizatsiia pogruzochno-razgruzochnykh rabot pri perevozkakh sel'skokhoziaistvennykh gruzov. Pod red. G.V.Kramarenko. Moskva, Nauchno-tekhn. izd-vo'M-va evto-mobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 286 p. (MIRA 15:2)

1. Zaveduyushchiy kafedroy Moskovskogo avtor.obil'nodorozhnogo instituta (Kramarenko). 2. Zaveduyushchiy kafedroy Moskovskogo inzhenerno-ekonomicheskogo instituta (for Tikhomirov). (Loading and unloading) (Farm produce--Transportation)

GOBERMAN, V.A., kand.tekhn.nauk

Increase in the efficiency in utilizing transportation means in agriculture. Nekh.i elek.sots.sel'khoz. 20 no.4:31-33 '62.

(MIRA 15:8)

1. Vsesoyuzny nauchno-issledovatel'skiy institut mekhanizatsii sel'skogo khozyaystva.

(Agriculture--Transportation)

GOBERMANN, J.; MEZEI, Gabor, dr.

Questions relating to the development of the intercity motor vehicle transportation in the Soviet Union. Kozleked kozl 18 no.47:849-850 25 N 162.

1. Moszkvai Tanacs Vegrehajto Bizottsaga Gepjarmukoslekedesi Pelgazgatosaga vezetoje (for Gobermann).

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000615510020-1 1:2 1 19; a real management of process of the control of the contr

0/039/00/000/003/003/000 0149/0102

AUTHUL:

Cobesz, 2'.

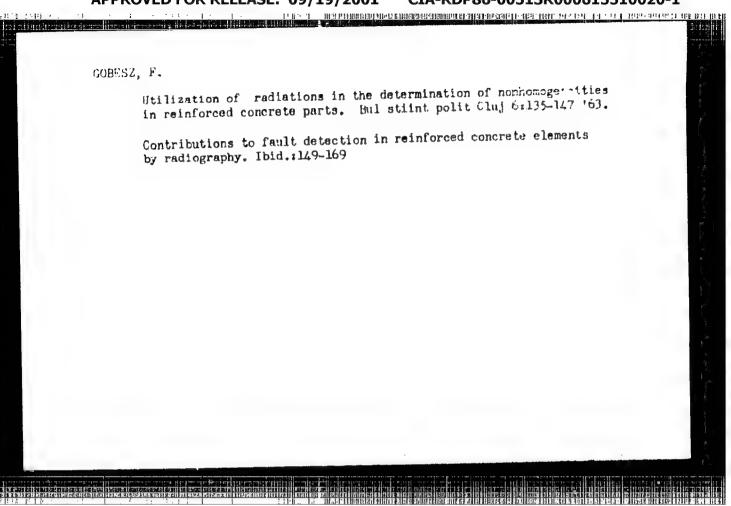
TIPLLE

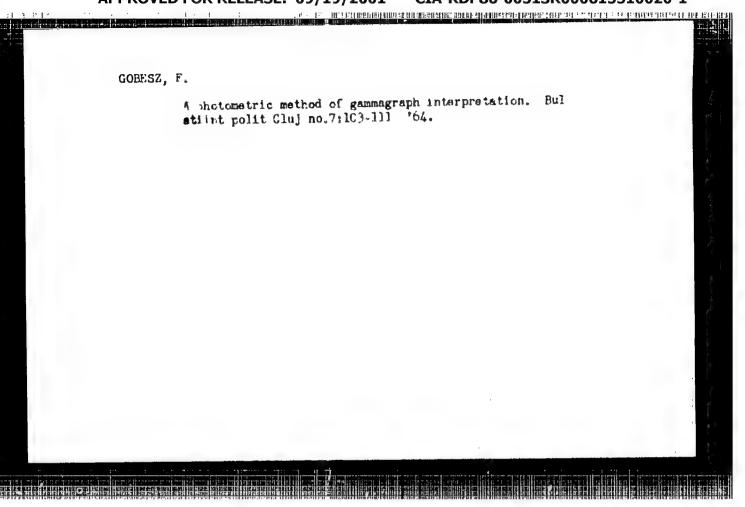
Use of radioactive imptojes in deter Ania; the some offices, of concretes manufactured from local materials

FERIODICAL: Referstivency shurmal. Chimiya, no. j, 1962, 591, abstract 3X351 (Lucrari stiint. Inst. politehr. Cluj. Cluj. 1960, 117 - 139)

TEMT: The compactness of concrete manufactures from local materials was determined by passing grama rays through it. The experimental data correspond closely to the theoretical. With the correct setting up of the apparatus an accuracy of £1, was possible. [Abstracter's note: Jouplete translation.

Card 1/1





VOZNESENSKIY, Boris Mikolayevich; ZAYHCHKOVSKIY, Yevgeniy Andreyevich;
PRITKOTA, Zoya Il'inichna; SCLOV'IEV, Shaya Grigor'yevna;
GOBETS, P.T., otv.red.; PETROVA, V.Te.. red.; MARKOCH, K.G.,
tekhn.red.

[Apparatus for semiautomatic long-distance telephone systems]
Apparatura polusytomaticheskoi meshdugorodnoi telefonnoi sviasi.
Moskva, Gos.isd-vo lit-ry poprosem sviasi i radio, 1958. 71 p.
[Catalog of schematic drawings] __Al'bom skhem. 1958. 23 p.
(MIRA 12:2)

(Telephone, Automatic—Equipment and supplies)

GINZBURG, Yakov Yur'yevich; GOBETS, P.T., otv.red.; RYAZANTSEVA, M.M., red.; KARABILOVA, S.F., tekhn.red.

[Long-distance telephone conference communication] Gruppovaia mashdugorodnaia telefonnaia sviasi. Moskva, Gos.isd-vo lit-ry po voprosam sviasi i radio, 1960, 21 p. (MIRA 14:1) (Telephone)

TO HER STATES OF A MARKETER RATIO POR PROTECTION OF THE PROTECTION

Abs Jour : Ref Zhur Biol., No 1, 1959, 1024

Author : Verbev, P., Chev. Yo.

Inst : Y. Chervenkov Higher Medical Institute

Title : Experiments on the Chemical Extermination of Cockroaches

Orig Pub : Nauchni tr. Vissh. mod. in-t "V. Chervenkov". Profilakt.

katedri, 1954 (1956), 2, No 4, 45-69

Abstract : In laboratory experiments showing the action of 1% DDT

powder on the oriental and red cockroaches (C) for 1 minute, 95% of the insects were killed; with constant contact 100% were killed after 48 hours. The effect of a 5% solution and a 5% emulsion of DDT was practically the same: C were completely eradicated in 72 hours. In the treatment of food areas with 5% kerosene solution

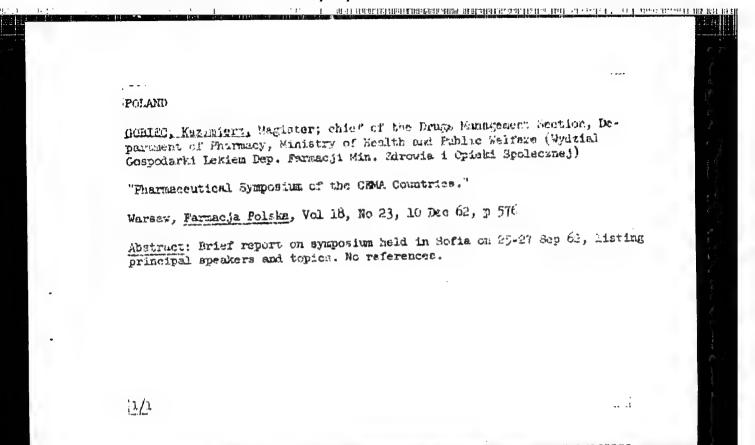
Card 1/2

- 31 -

STOJILJKOVIC, S.: (MOBICEVIC, Dj.

A case of serum neuritis. Srpski arh.celok.lek. 8) no.2:259-264
seb. '55.

1. Neuropsihijatriska klinika Medicinskog fakulteta u Beogradu.
Upravnik: prof. dr Uros Jekic.
(NEURITIS, etiol. & pathogen.
tetanus antitoxin inject.(Ser))
(YACCINSTONS, inj.eff.
tetanus antitoxin causing neuritis (Ser))
(TETANUS
antitoxin, causing neuritis (Ser))



*** A.C. There is no record of normal and a second of present of the ethylene (xincom a present of their end of the ethylene (xincom a present of their end partier. Kell thur, 76 re.2x47-224 Ji-Ag 464.

(MRA 1749)

1. Now how task device block institute to the end of detyche, pried dyagina Budyenskaye Narolnaya Fespublika.

14 9 × 15 1 M. LEMPEREN MANAGEMENT AND MANAGEMENT OF THE PROPERTY OF THE PROPE Z/011/62/019/003/003/004 E112/E353 Gobjilá, A.G. and Popescu, F.S. AUTHORS: Efficiency of demulsifiers of the alkoxy-aryl-TITLE: polyglycolether-type Chemie a chemická technologie; Prehled technické a hospodarske literatury, v.19, no. 3, 1962, 134, PERIODICAL: abstract Ch 62-1831 (Khim. tekhnol. topliv, v.6, no. 12, 1961, 21 - 27) It was demonstrated in a series of experiments with products of the above type that the demulsifying action increases to a maximum with an increase of the number of ethylene-oxide groups. Further increase in ethylene-oxide groups will reduce the efficiency of the demulsifier. Products with shorter alkyl chains are also more active and it was found immaterial whether they were attached to a phenol or cresol structure. Generally, derivatives of alkyl-cresols were found more active than those derived from alkyl-phenols. The abstracted work is connected with the demulsification of petroleum. 4 diagrams, 5 tables, 14 literature references. [Abstracter's note: Complete translation.] Card 1/1

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1138,4016,1087

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18 8310

AUTHORS:

Gobjila, A.G., Engineer and Ludosan, E.

TITLE:

Electrochemical methods in corrosion research

PERIODICAL:

Petrol și Gaze, v. 12, no. 6, 1961, 261-266

The article describes the results obtained by the I.C.F.E. corrosion research laboratory in Cimpina in the research on electrochemical corrosion processes, particularly on the investigation of the electrokinetic phenomenon and on the presentation and interpretation of polarization curves of galvanic ccuples. The purpose of this research was to find adequate protection for depth pumps using corrosion inhibitors. To obtain the necessary characteristics for the interpretation of polarization curves various electrical operation diagrams are used; the one most frequently used is the one quoted by M. Ciortea (Ref. 6: Petrol și Gaze, 9, 1958, no. 9, Sept. p. 414-425). Since the decisive factor in the establishing of appropriate characteristics is the electrolytic cell, such a cell has to meet certain requirements with regard to material, the cathodic and

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Electrochemical methods

anodic areas, formation of couples and gas evacuation without admission of oxygen from the atmosphere. The sample must have a smooth and precisely defined surface, while the electrodes must be shaped and placed so as to insure a uniform electric field. The Luggin electrolytic bridge used for the electrical connection of the sample surface, with the measuring electrode, must be close to the surface of the electrode to avoid formation of additional resistances within the cell circuit. In the experiments conducted at the I.C.F.E. laboratory, various types of electrolytic cells were used, including the Berzelius beaker containing a metallic electrode, a non-polarizable platinum or carbon electrode and the Luggin bridge. Some complex electrolytic cells were also tested and gradually improved in the course of experiments, on the basis of data obtained by experience and in accordance with pertinent literature. Two of such cells are shown in Fig. 1 and 2. A comparison between the results obtained with a simple cell and an H improved cell in relation to the amount of inhibitor used is shown in Fig. 3. There are three methods for interpreting polarization

Card 2/7

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R/007/61/012/006/001/003 DO15/D105

Electrochemical methods

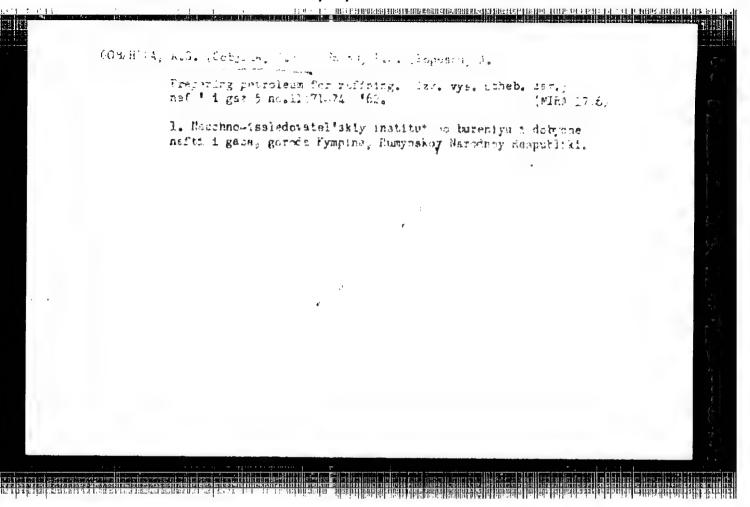
curves, i.e. the two tangent method, the method of a tangent and a horizontal lead from the stationary potential point, and the comparative method of a given potential. The last consists in determining the current from a diagram of cathodic polarization and shows the value of the corrosion current. Research on the selection of an adequate method for calculating the corrosion current, was made on the basis of comparison with the classical method, establishing the loss of weight of sample. The method of establishing corrosion reduction or increase by determining the current of the couple at a given constant potential, supplied reproducible values due to the reduction to a minimum of the subjective appreciation influencing the representation of curves and due to the fact that data are obtained from the region of the depolarization by hydrogen. These facts make the method of determining the current of the couple at a constant selected potential, suitable for inhibiting corrosion of oil well bottomhole equipment, since at the bottom the penetration of oxygen is limited. This method which allows a suitable selection of the type and amount of

Card 3/7

GOBJILA, A. G., ing.

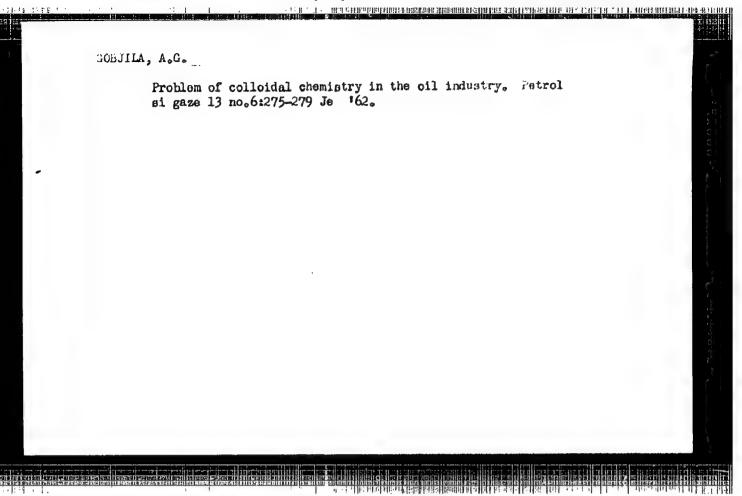
Disemulsification of crude oil. Influence of the paraffin contained in oil upon stability of the latter. Petrol si gaze 12 no.10: 454-457 0 '61.

(Petroleum) (Emulsions) (Paraffins)



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Preventing the corrosion on the bottom equipment by means of inhibitors. Petrol si gaze 13 no.4:182-186 Ap '62.



To all inflammed this distributional teacher that the latest and the first contribution of PRESIDEN

1	RUMANIA
•	Cultivated Plants. Cereals. M
:	RZhBiol., No. 23 1958, No. 104643
:	Lazareacu, E., Bulineru, V., Gobjile, M.
:	Galatsa Agronomical Institute.
\$	The Influence of the Treatment of Seeds with Ultra-Sound on the Germination and Biochemical Processes in Corn.
:	Probl. agric., 1957, 9. No. 6, 65-68
2	Trea tment of corn seeds (in the experimental field in Urlyaska-Galats, Agronomical Institute in Galatsa) with ultra-sound of higher frequency and an intensity of 60-80 decibels for 6 minutes contributed to the increase in the seed germination to 100%, to good growth and development, and also to a reduction in the vegetation period in corn (variety IKAR-54). Plants grown from seeds treated with ultra-sound (3-9 minutes) proved to be more stable, vigorous and viable, and were less vulnerable to diseases than the control plants. The effect of ultra-sounds on corn seeds induces changes in the stored matter in seeds (starch, proteins, and fate)Ye. T. Zhukovskaya
	Starting and resolve - not be made in the starting of the star
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GOSJILA, W.

Possibilities of schieving in Rumania parification of waste water by using it in agriculture. p. 39.

HIUROTEHNICA. (Asociatia Stiintifica a Inginarilor si Tehnicienilor din Romina) Bucurasti, Mumania Vol. 4, no. 2, Feb. 1909.

Monthly List of East European Accessions (EEEI) IC, vol. d, no. 7, July 1909.

Uncl.

- 1. GOBKIN, S.I., VOLKOV, S.S., M.GUCHIY, L.N.
- 2. USSR (600)
- 4. Magnesium Alloys
- 7. Possibility of broad use of magnesium forging-in machine industry. Dokl.AN SSSR 86 no. 5 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

A tribe to

1 30427 -00 AT6023737 (N) SOURCE CODE: UR/2755/66/000/005/0051/0059 ACC NRI

AUTHOR: Yevstyukhin, A. I. (Doctor of technical sciences); Godin, Yu. G.; Yakovleva, V. B.

ORG: none

TITLE: Investigation of alloys of the Nb-Zn system

aramafriminahahamp(t)/mi

27 2 SOURCE: Moscow. Inzhenerno-fizicheskiy institut. Metallurgiya i metallovedeniye chistykh metallov, no. 5, 1966, 51-59

TOPIC TAGS: niobium, niobium alloy, zinc containing alloy, alloy composition, alloy hardness, phase composition, niobium zinc system

ABSTRACT: A series of binary Nb-Zn alloys containing .9-52.7% Nb were melted from 99.8%-pure Nb1 and chemically pure 2n in argonfilled airtight crucibles held at 1150C for 20 hr. Alloys containing up to 20% Nb were dense. Those with a higher niobium content were porous. Alloys with the highest Nb content (96.9%) were made by remelting in an arc furnace. Metallographic examination showed that niobium-poor alloys consisted of zinc and a NbZn3 phase which increased in amount with increasing Nb content in the alloy. In an alloy containing 28.4% Nb, an NbZn3 phase predominated with zinc grains between its grains; at still higher Nb contents the zinc grains dissolved.

Card 1/2

L 38428-66 ACC NR: AT6023737

Alloys containing 35.8-39.4% Nb had a structure consisting of fine NbZn3 grains and large grains of an Nb2Zn3 phase, the amount of which increased with increasing Nb content. Alloy containing 52% Nb consisted mainly of homogeneous grains assumed to have a composition close to that of Nb2Zn3, and of fine inclusions, probably of the NbZn phase, within the grains. An alloy containing 55.57% Nb had a twophase structure consisting mainly of the Nb2Zn3 phase and small grains But the alloy with 59.39% Nb consisted of the of the NbZn phase. NbZn phase and a small amount of Nb2Zn3 grains. All alloys with more than 60% Nb contained metallic niobium. In an alloy containing 74.4% Nb, the NbZn phase was located along the boundaries of niobium grains which constituted the bulk of the alloy. A further increase in niobium content decreased the amount of the MbZn phase, and in an alloy containing 97% Nb, the NbZn phase was located along the boundaries of niobium grains in the form of a fine network. Thermal and x-ray diffraction analyses confirmed the existence of the NbZn3, NbZn2, NbZZn3, and NbZn intermetallic compounds. The Nb2Zn3 compound had the highest microhardness (890 kg/mm²); the microhardness of the NbZn₃ compound was 302 kg/mm². Orig. art. has: 10 figures and 4 tables.

SUB CODE: 11/ SUBM DATE: none/ OTH REF: 003/ ATD PRESS: 5043

Cord 2/2

COBLIK, V.F.

Toward new production achievements. Gidroliz. i lesokhim.
prom. 14 no.8:11-12 '61. (MIRA 16:11)

1. Perechinskiy lesokhimicheskiy zavod.

GOBLCS, Janos; SZABO, Marton; RIPFEL, Geza

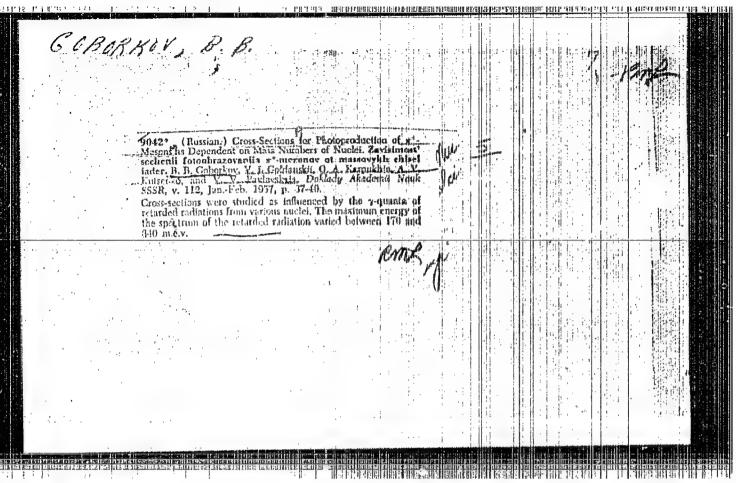
Hungarian-made condensers of high reliability. Hir techn 14, no.2:73-75 Ap 163.

1. REMIX Radiotechnikai Gyar.

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- GOBOCHKINA, Y.E.
- USSR (600)
- Headgear
- 7. Struggle for one hundred per cent, first grade production output. beg. prom. no. 11, 1952

1953. Unclassified. Monthly List of Russian Accessions, Library of Congress, Fahr



8/051/62/013/005/009/017 E039/E420

AUTHORS:

Nurmukhametov, R.N., Gobov, G.V.

TITLE:

The luminescence spectra of fluorene

PERIODICAL: Optika i spektroskopiya, v.13, no.5, 1962, 676-682

Data in the literature on the luminescence of fluorene and the nature of its impurities is contradictory, hence the luminescent spectra of fluorene, anthracene and carbazole in solution with n-heptane and n-octane were investigated by Shpol'skiy's method and also in the crystalline form at 77°K. These spectra possess fine structure and it is possible to identify both the substance and its impurities. The samples used were purified by a number of different physical methods; multiple sublimation, recrystallization and zone melting. A CB ப்ப -250 (SVDSh-250) lamp was used as a source of exciting light together with a Bausch and Lomb monochromator for investigating the effect of excitation by different wavelengths. Absorption spectra were obtained using a Xenon lamp with a continuous spectrum in the range 2400 to 4500 Å. Details of the vibration analysis of the luminescent and absorption spectra are Card 1/2

<u>ः । । व १६ राम १५४५) एक स्वर्णकार प्राणिक विशेषक स्थान विशेषक विशेषक । १९४५ वर्ष व १५५० वर्ष विशेषक विशेषक विश</u>

S/051/62/013/005/009/017
The luminescence spectra ... E039/E420

given and presented in tables. The presence of anthracene as an impurity in the fluorene is shown from the spectral analysis. There are 1 figure and 3 tables.

SUBMITTED: September 16, 1961

₹ :

Card 2/2

1,3503

S/051/62/013/006/024/027 E039/E120

34 3700 34 7970 AUTHORS:

Gobov, G.V., Kalimbet, A.Z., Fedotov, A.P., and

Sheremet'yev, G.D.

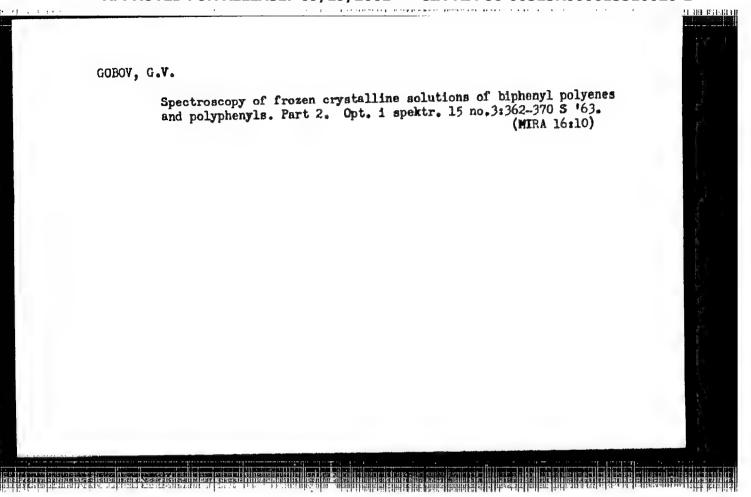
TITLE: Polarisation of the quasilinear luminescence spectra

of perylene in the electric field at 77 K

PERIODICAL: Optika i spektroskopiya, v.13, no.6, 1962, 879

TEXT: This work was undertaken in order to observe the optical effects associated with radiation from electrets and to study the kinetics of the electret condition. Perylene was chosen because of its extensive cloud of N-electrons, which under the action of an electric field might produce a noticeable effect on its luminescent spectrum. In the absence of an electric field the luminescence of perylene in n-heptane observed at right angles to direction of the exciting beam (366 mmk natural light) is 32% direction of the degree of polarisation along the line of excitation polarised. The degree of polarisation along the line of excitation is zero. When a solution of perylene in n-heptane is frozen in an electric field of 25 kV/cm the luminescence observed along the line of excitation is 26% polarised. An investigation of the

Card 2/2.



5/048/63/027/001/006/043 B163/B180

वर्षा सामानविद्या । वर्षा क्षाति स्थान । वर्षा
AUTHOR:

Gobov, G. V.

TITLE:

Absorption and luminescence spectra of stilbene and tolane

in frozen crystalline solutions at 77°K

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizichuskaya, v. 27.

no. 1, 1965, 11-14

TEXT: The absorption, fluorescence, and phosphorescence tolane spectra of stilbene and tolane, frozen in n-paraffin (from hexane to undekane) solutions, were taken in a ... 28 (ISP-28) quartz spectrograph. Filtered

radiation in the wave number range 1000-3000 cm⁻¹ from the lamp CEMU-250 (SVDSh-250) or the xenon lamp / NCU-1000 (DKSSh-1000) was used. The position of the lines could be determined with an accuracy of 10 cm The tolane was carefully purified by zone melting. The sharpest spectra were obtained with n-octane as solvent. The fluorescence spectrum of stilbene consists of 5 groups; Table 1 lists the sharp (10 - 20 cm lines of the first three. The frequencies of all these lines in this fluorescence spectrum can be interpreted by means of 6 vibrational Card 1/2

Control of the state of the sta

Absorption and uminescence spectra of ... S/048/65/027/001/006/043

frequencies of the non-excited stilbene molecule. The frequencies for interpreting the spectra of tolane are also given. The fluorescence and absorption spectra are in both cases nearly symmetrical. The frequencies of 998 and 1600 cm⁻¹ which the stilbene and tolane spectra have in common, are ascribed to the natural vibrations of the phenyl rings. The periodicities in the spectra (1640 cm⁻¹ for stilbene, 2232 cm⁻¹ for tolane) coincide with the characteristic oscillation frequencies of the C = C and C = C group, respectively. There are 2 figures and 2 tables.

Card 2/2

BOLOTNIKOVA, T.N., GOBOV, G.V.

Emission spectra of certain polyphenyls and diphenyl polyenes.

Izv. AN SSSR Ser. fiz. 27 no.5:683-685 My '63.

(MIRA 16:6)

(Paraffins—Spectra)

L 19474-63 EMP(j)/EFF(c)/EWT(m)/EDS PC-4/Pr-4 RM/M/EAY
ACCESSION NR: AT3002192 S/2941/63/001/000/0036/0043

AUTHORS: Gobov, G. V.; Bolotnikova, T. N.

TITLE: Spectroscopy of frozen crystalline solutions /

SOURCE: Optika i spektroskopiya; sbornik statey. v. 1: Lyuminestsentsiya. Moscow, Izd-vo AN SSSR, 1963, 36-43

TOPIC TAGS: luminescence, absorption, spectra, polyenes, hydrocarbons, energy level 4

ABSTRACT: A study has been made to determine the luminescence and absorption spectra of diphenyl-, triphenyl-, and quaterphenyl-polyenes. The method was first used by E. V. Shpol'skiy (UFN, 71, 2, 1960) and consists of investigating the sharp luminescence spectra of frozen n-paraffin solutions condensed in aromatic hydrocarbons. For the diphenyl, the largest luminescence spectra were found in hexane, heptane, and octane solutions with a band width of 50 cm⁻¹. The continuous absorption spectra of triphenyl were found to lie between 2h00 and 3200 Å and for the quaterphenyl, between 2600 and 3400 Å. The authors contend that the fluorescence spectra of these polyenes permit the tracing of changes in the

Card 1/2 .

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ACCESSION NR: AT3002192

molecular energy levels arising from line broadening of the molecules on one of the phenolic groups. "The authors express their gratitude to E. V. Shpol'skiy." Orig. art. has: 6 tables and 3 figures.

ASSOCIATION: none

SUBMITTED: 28May62

DATE ACQ: 19May63

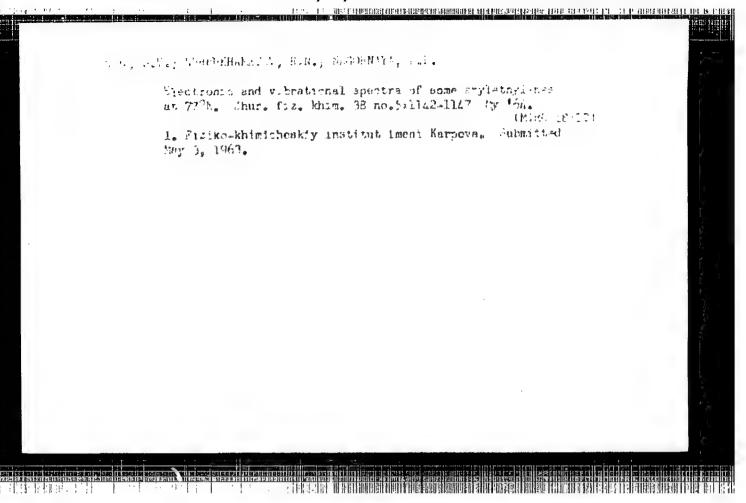
ENCL: 00

SUB CODE: PH

NO REF SOV: 007

OTHER: 008

Card 2/2



EFF(c)/EPA(s)-2/SWP(j)/EWA(c)/EWT(1)/EWT(m) FAI Po-U/Pri-U IJP(d) 1, 34878-65 8/00 1/65/01.8/002/0227/0235 AP5005035 ACCESSION NR: AUTHOR: Nurmukhametov, R. N.; Gooov, G. V. TITLE: Influence of the hetero-atom on the luminescence of compounds containing a biphenyl nucleus SOURCE: Optika i spektroskopiya, v. 18, no. 2, 1965, 225-135 TOPIC TAGS: luminescence, heteroatom, diphenyl compound, luminescence spectrum, vibrational analysis, phosphorescence, conversion probability ABSTRACT: The authors investigated the luminescence spectra of splutions of fluorine, diphenylene oxide, diphenylene sulfide, carbazole, hipheny anine, and diphenyl sulfide at 77K. To obtain spectra with maximum structure, the Shpol'skiy method was used (E. V. Shpol'skiy, Usp. fir. nauk, v. 71, 215, 1960) for the first four compounds in hexane and in hepipage. The luminescence was excited in different sections of the spectrum by a DRSh-250 lamp used in conjunction with a mondchromator, and also in conjunction with filters for the merbury lines. The absorption spectra were taken in the light of a DESSh-1000 lamp and photographed with ISP-28 and Hilger spectrographs. The results have disclosed an appreciable

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similarity between the vibrational structure of these spectra, especially the phosphorescence spectrum. A vibrational analysis has been made and the fundamental frequencies have been assigned to different types of vibrations. The nature of the electronic transitions is analyzed, and the influence of the hetero-atm on the electronic levels and on the frequencies of some vibrations which are active in the emission spectra is traced. It is shown that the interaction between the hetero-atom and the biphenyl nucleus leads to spectral changes of the same character as are observed for the corresponding series of mono substitutes of benzene and diphenyl compounds. When C is replaced by O, S, and N, a successive dicrease of the difference in energy between the S*1 and T levels is observed in all three series of compounds. The introduction of the N atom, and aspecially of the S atom, greatly increases the probability of S*1—T, conversion. Orig. ant. has:

ASSOCIATION: None

SUBMITTED: 140ct63

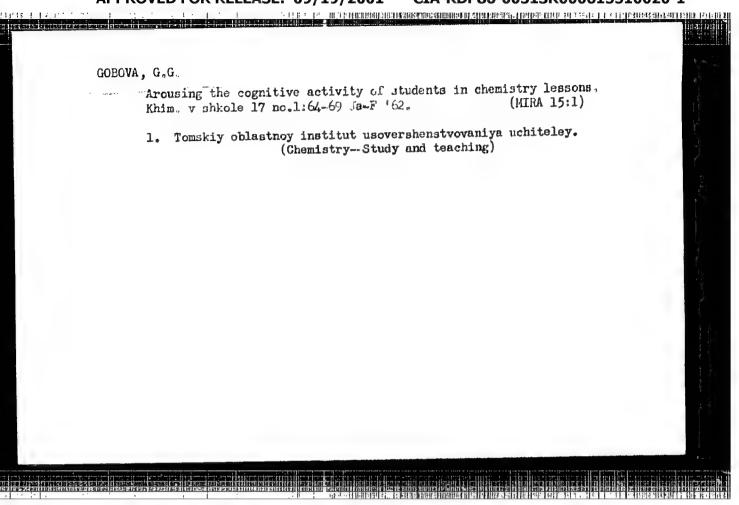
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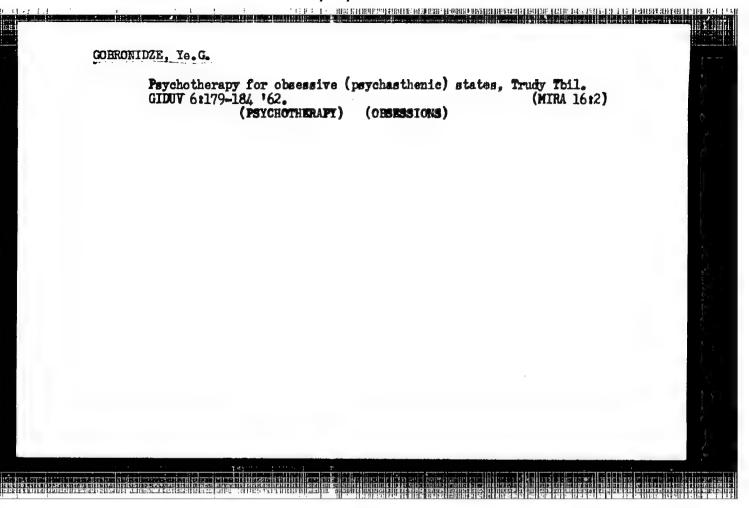
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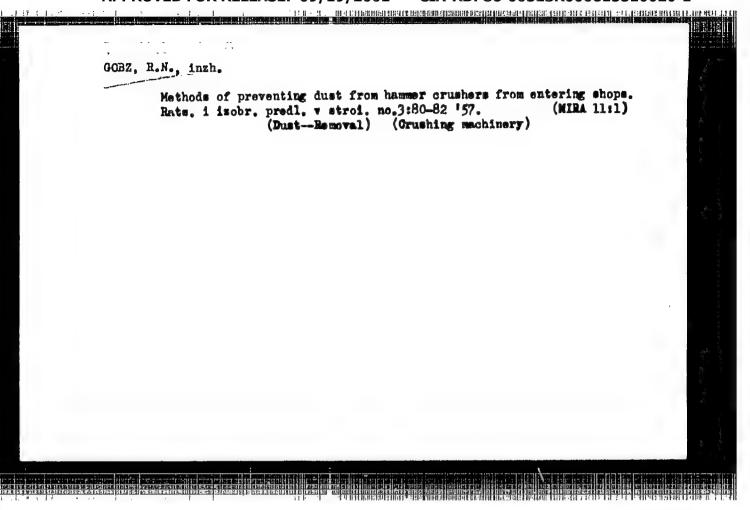
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"Insulin Therapy of Schizophrenia"	
"Insulin Therapy of Schizophrenia" 1950 T b ilisi	
Translation M=3,053,144	
	A. M



GOBUNIYA, L.K. Mequicardium beds. Seob.AN Grus.SSR 8 no.8:537-540 '47. (MLRA 9:7) 1. Akademiya nauk Grusinekey SSR, Institut geologii i mineralegii, Tbilisi. Predstavlene deystritol'nys chlenes Akademii L.Sh.Davitashvili. (Nekva Valley--Falcontolegy, Stratigraphic)



WRLIKHMAN, S.; GOBZA, R., insh.

Ventilization is trade unions' most urgent task. Okh.truda i sots.strakh. no.1:42-44 Ja '60. (MRA 13:5)

1. Machal'nik proyektno-naladochnogo upravleniya "Glavsantekmontasha" (for Frikman). (Ventilation)

GOBZA, R. N.

GOBZA, R. N., Inzhener i, VEREVIN, F. P., Inzh., SIMONOV, M. V., Inzh.

Vsesoyuznaya Kontora Tipovogo Proyektirovaniya I Tekhnicheskikh Issledovaniy
(RTIS) Mintyashstroya

Issledovaniye Effektivnosti Pyleosadochnykh Kamer MA Modelyakh

Page 52
SO: Collection of Annotations of Scientific Research Work on Construction, completed in 1950. Hoscow, 1951

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GUBZA, R. H.

GOBZA, R. N., Inzh i, VEREVIN, F. P. Insh.

Vsesoyuznaya Kontora Tipovogo Proyektirovaniya 1 Tekhnicheskikh Issledovany (KTIS) Mintyashstroya.

Ochistka Vozdukha ot Pyli, Inertsionmye Pyleotdeliteli Page 53

SO: Collection of Annotations of Scientific Research Work on Construction, completed in 1950. Hoscow, 1951

"APPROVED FOR RELEASE: 09/19/2001 CIA-RD

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* CONTROL OF THE STREET OF THE

SOV/124-57-3-3198

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 3, p 80 (USSR)

AUTHOR: Gobza, R. N.

TITLE: The Results of Field Investigations of Heating Systems With a Concentrated Air Delivery (Rezultaty naturnykh issledovaniy

sistem otopleniya s sosredotochennym vypuskom vozdukha)

PERIODICAL: Tr. nauch. sessii Vses. n.i. in-ta okhrany truda, 1955, Nr 4,

pp 83-106

ABSTRACT: The paper adduces the results of an investigation of heating systems

having a concentrated air delivery in twelve different locales with a volume of 5000 to 500,000 m³. Some dependences obtained earlier

by means of model simulation are refined.

I. A. Shepelev

Card 1/1

RDS (1745) PER PROPERTIES OF THE PROPERTIES OF T

VAYNTRAUB, I.M., inzh.; GOBZA, R.N., inzh.; KATSNEL SON, G.A., inzh.; KRASILOV, G.I., inzh.; ORENTLIKHER, P.B., inzh.; ERLIKHMAN, S.Ya., inzh.; VOLNYANSKIY, A.K., glav. red.; SOKOLOV, D.V., zam. glav.red.; TARAN, V.D., red.; SEREFRENNIKOV, S.N., red.; MIKHAYLOV, K.A., red.; STAROVEROV, I.W., red.; VOLODIN, V.Ye., red.; NIKOLAYEVSKIY, Ye.Ya., red.; SMIRNOV, L.I., inzh., nauchmyy red.; SKVORTSOVA, I.P., red., izd.-va; SHERSTNEVA, N.V., tekhn. red.

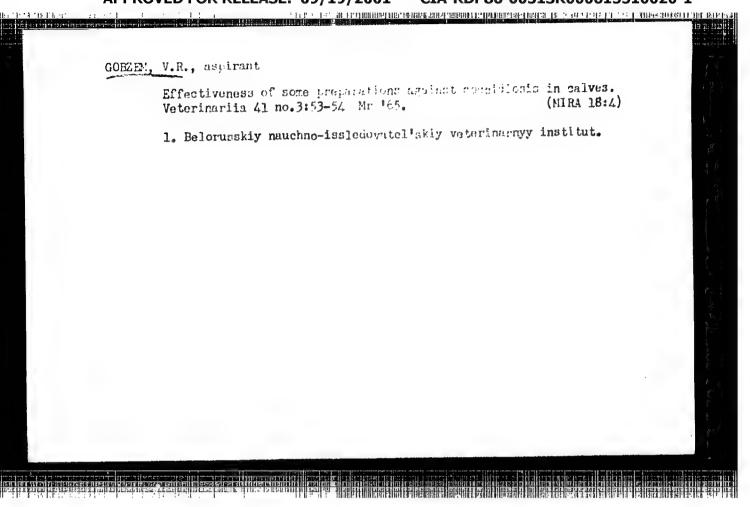
[Adjusting, control, and operation of industrial ventilation systems]Naladka, regulirovan i ekspluatatsiia sistem promyshlennoi ventiliatsii. Pod red. S.IA.Erlikhmana. Moskva, Gosstroiizdat, 1962. 555 p. (MIRA 15:9)

1. Russia (1917- R.S.F.S.R.)Glavnoye upravleniye sanitarnotekhnicheskogo montasha. (Factories-Heating and ventilation)

GOBZA, R.N., red.; GELIN, M.M., red.; KRIVOSHEYEV, B.S., red.; SORIN, Ye.Ye., red.; VENIKEYEVICH, L.A., red.; AVER'YANOVA, L.B., red.

[Adjusting and planning systems of industrial ventilation and air conditioning] Naladka i proektirovanie sistem promyshlennoi ventiliatsii i konditsionirovaniia vozdukha; tematicheskii sbornik. Moskva, TSentr. biuro tekhm. informatsii, 1964. 157 p. (MIRA 17:12)

1. Moscow. Proyektnyy institut "Proyektpromventilyatsiya."



LEESH, Vladimir Filippovich; NAZAROV, Viktor Konstantinovich;
SHFAKOV, Aleksey Prokof'yevich; TARUSOVA, Yelizaveta
Fedorovna; LEESH, Sof'ya Ivanovna; LEVINA, Zinaida
Moiseyevna; GOEZE, Yera Vasil'yevna; DOMASHEVICH, O.P.,
red.; ZUYKOVA, V.I., tekhn. red.

[Composition and nutritive value of feeds in White Russia]
Sostav i pitatel'nost' kormov Belorussii. Minnk, Gos.izd-vo
sel'skokhoziaistvennoi lit-ry BSSR, 1962. 2/1 p.

(Mira 17:1)

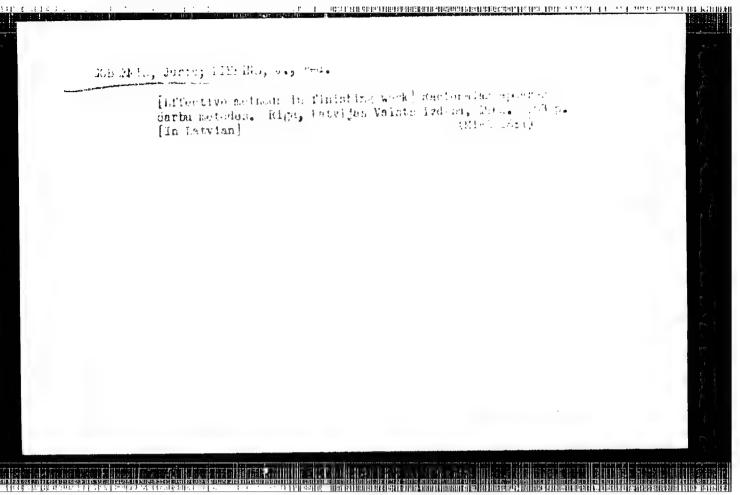
(White Russia—Feeds—Composition)

GOEZEMIS, A.; GOROETS, V.; TIMOFEYEV, T.

Using electronic computers in traction calculations for determining the time of train movements in the runs between stops. Izv.AN Latv.SSR no.2z18-25 '63. (MIRA 16:4)

1. Institut elektroniki i vychislitel'noy tekhniki AN Latviyskoy SSR. (Railroads—Management) (Electric computers)

L 23090-66 EWT(d)/EWP(1) IJF ACC NRAT5028452	SOURCE CODE: UR/2690/65/0	//
AUTHOR: Gobzemis, A. Yu. ORG: none TITLE: Synthesizing logical diagrams	with ternary OR-NOT <u>logical element</u>	nts 160, 44
SOURCE: AN LatSSR. Institut elektroni 1965. Avtomatika i vychislitel naya		iidy. V. 71
ABSTRACT: Logical diagrams whose input (-1, 0, 1) are considered. In this subtaining the completeness of the sysynthesizing single-step logical diagrams that the completeness of the sysynthesizing single-step logical diagrams.	outs and outputs can have three differences, a generalized OR-NOT functivatem. A five-point algorithm is deagrams with a inputs (A ₁ , A ₂ ,, A _n as and 3 tables.	AGTCDGG TOT
SUB CODE: 12, 09 / SUBM DATE: none /	/ ORIG REF: 005	100



ANDIN'SH, P. [Andins, F.]; GOMZEMIS, Yu. [Gobzemis, J.]; GOMSHKUV, A.

MASTEROV, V.

Suggestions of Riga builders. Stroitel' 8 no.3:7-10 Mr '62.

(RIGA—Building—Technological innovations)

(Riga—Building—Technological innovations)

E (S. C. L. T. THE HARD BETTE AND A DESCRIPTION OF A DESC

GOBZHILA, A.G. [Gobjila, A.G.]

Effect of paraffin on the stability of natural oil emulsions.

Izv.vys.ucheb. zav.;neft' i gaz 5 no.5:69-73 '62. (MIRA 16:5)

l. Issledovatel'skiy institut po bureniyu i dobyche nefti i gaza, g. Kympina, Rumynakaya Narodnaya Respublika. (Rumania--Emulitons) (Paraffin wax)

TO BE THE BUILDING PROPERTY OF THE PARTY OF

GOBZHILA, A. G. [Gobjila, A. G.]

Investigation of natural water emulsifiers in crude oil in relation to the establishment of a basis for effective demulsifying agents for petroleum emulsions. Holl. shur. 24 no.6:651-658 N-D *62. (MIRA 16:1)

1. Nauchno-issledovatel'skiy institut po bureniyu i dobyche nefti i gaza, g. Kympina, Rumyniya.

(Emulsions) (Petrolsum—Refining)

to an analytical entranged the analytical meaning of the properties of the finite of the first o

POPESKU, F.S. [Popescu, F.S.]; GOBZHILA, A.G. [Gobjila, A.G.]

Studying the froth-forming properties of alkyl-hydroxy-aryl polyglycol esters and alicyclic polyglycol esters. Izv. vysh. ucheb. zav.; neft' i gaz 6 no.3:55-58 '63. (MIRA 16:7)

l. Issledovatel'skiy institut po bureniyu i dobyehe nefti i gaza, g. Kympina, Rumynskaya Narodnaya Respublika. (Surface-active agents)

GOBZHILA, A.G.; VOYKULESKU, K.I. [Veiculescu, K.I.]; FOFESKU, K.V. [Pepescu, M.V.]

Use of epoxide coatings for the protection of main underground pipe systems. Lakokras.mat. i ikh prim. no.3:28-34 163. (MIRA 16:9)

l. Laboratoriya kerrezii Issledevatel'skogo instituta bureniya i debychi nefti i gaza, g. Kympina, i TSentral'naya issledevatel'skaya laboratoriya lakov i pechatnykh krasek, g. Bukharest Rumynskaya Narednaya Respublika.

(Pipe, Steel--Cerrosien) (Protective coatings)

POPESKU, F.S. [Popescu, F.S.] (Rumyniya); GOBZHILA, A.G. (Rumyniya)

Effectiveness of oxyethylated derivatives of cycloalkanoic acids and alkyl oxyaryl-formaldehyde resins during petroleum demulatication. Khim. i tekh. topl. i masel 8 no.5:
22-26 My *63. (MIRA 16:8)

wing man and the state of the first state of the state of

GOC, E.; KOTLICKA, G.N.; PALYS, J.; ROZKOWSKI, A.

Preparation techniques of a specific hydrogeological map of the Upper Silesian Coal Basin. Przegl geol 11 no.5:

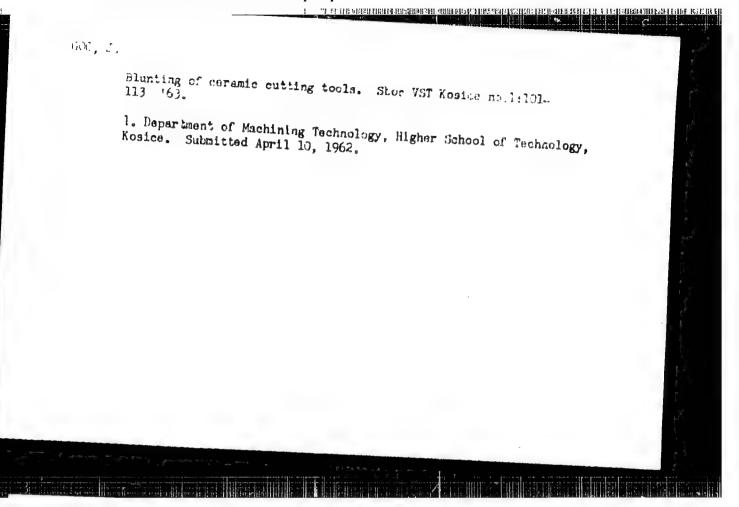
1. Gornoslaska Stacja Terenowa, Instytut Geologiczny, Sosnowiec,

GCC, Jan, inz.

Testing the cutting property of tools. Tech praca 14 no.8:609
1. Vysoka skola technicka, Kosice.

POPPER, Ervin; CRECU, Ion; PITEA, Iulia; CHIOREAN, Lucia; GOCAN, Ileana
Contributions to the photometric determination of osmium.
Studii cere chim 12 no.5:387-391 *64

1. Chair of Analytical, Faculty of Pharmany, Medicopharmaceutical
Institute, Republicii St., no.12, Cluj.



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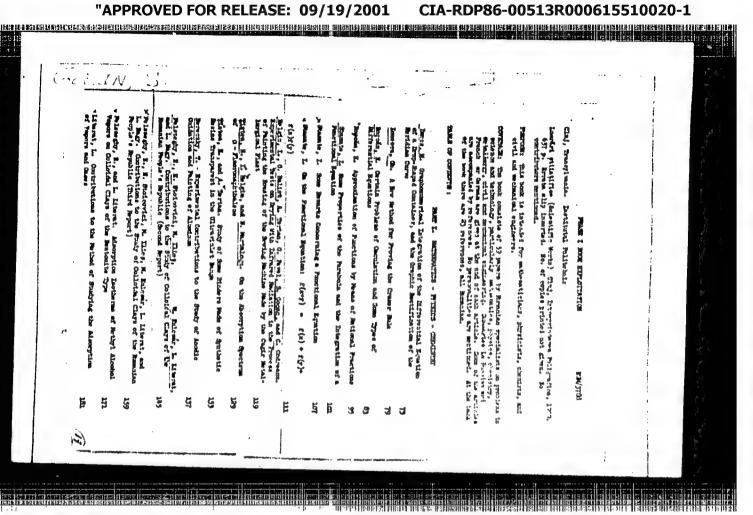
PREDA. V.; MARTEI, Elena; BIRCU, O.; COCAN, Marilona; GEOGRAGICE, 1.

Role of the nervous sytem in the respiration of the regenerative tissues of Triturus cristatus cristatus laur.

Studii cerc biol s. zool 16 no. 3:213-217 164.

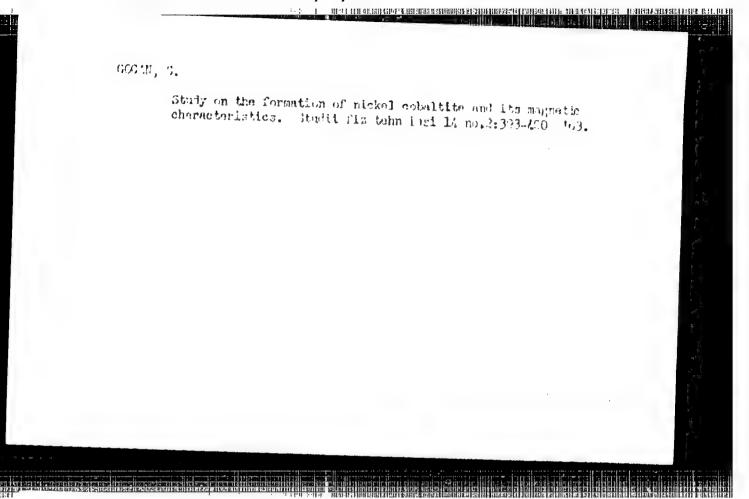
1. Chair of Biology, Medicopharmaceutical Institute, Cluj.

"APPROVED FOR RELEASE: 09/19/2001



STANESCU, L.; GOCAN, S.; TERTAN, A.; MOTIU, A.; BOGATEANU, G.;

Study of some semiconductor characteristics of nickel chromite. Bul stiint polit Gluj no.5:65-74 362.



GOCAN, Simion; CTAMERRU, 11vio

"Vdv of some semiconfluctrial properties of the V2G3--P2O3 system.

Studia Univ B-B S. Math-Phys 10 no.1:105-113 165.

LITEANU, Candin; GOCAN, Simion

Paper thermochromatography. Pt. 4. Rev chimie Roum 9 no.10:651-662 0 '64.

1. Faculty of Chemistry of the "Babes-Bolyai" University, and the Pedagogic Institute, Cluj.

Coccan, Similar, Annual, Annual Thermochromatography on paper, Pt. 5. New chimie ecum C po.11;715-725 N 'ed.

1. Pedagogic Institute and Cluj University.

GOCAN, Simion; LITEANU, Candin

Thermochiomatography on paper. Pt.5. Studii cerc chim 13 no.11:741-750 N '64.

1. Pedagogic Institute, Cluj, and "Babes-Bolyni" University, Cluj, 1 Universitatii Street.

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LITEANU, C.; GOCAN, S.

Thermochromatography on paper. Pt.4. Studii cerc chim 13 no.10:681-692 0 64.

1. Faculty of Chemistry of the "Babes-Bolyai" University, and the Cluj Pedagogic Institute, 11 Arany Janes Street.

Caterial responsibility of civilian and military persons in the army. r. 2. (GLASMIK, fol. 11, No. 2, Feb. 1956)

SO: Honthly List of East European Accessions (EEAG) LC Vol.b, No. 12, Dec. 1757 Uncl.

10 1.19 F.

Compensation for damages under the new Law of General Administrative procedure. p. 168. (GLASNIK, Vol. 4, No. 3, Pay/June 1957)

50: Monthly List of East European Accessions (EEML) LC Vol. 6, No. 13, Dec. 1957 Uncl.

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Applientlin. Fort Industry.

Abs Jur : Ref Zhur - Khimiya, No 10, 1950, 35030.

Author : Goelt, H., Szyazko, A., Mozniak, J.

Inst : -

: The Vitamin Value of Certain Preserves. Title

Orig Pub : Przem. spomywczy, 1958, 12, No 3, 300-303.

: There were submitted the results of the content analysis Abstract

of vitamins A, B, Bo, PP, C and B-caratin in cortain neat and ment-vegetable preserves, and also in fruit computes. It was established that the examined preserves are a good source of the B-couplex vitamins; the greatest amount of these vitamins is contained in veal and in Eaglish grulash; the least, in beef with buckwheat parridge. -- From the authors' resume.

Card 1/1

BOZYK, Zbigniew; GOCH, Halina

Determination of total vitamin C in ready-made meals. Chem anal 5 no.2:335-336 '60. (EKAI 10:3)

1. Osrodek Naukowo-Badawczy Sluzby Zywnosciowej. Zaklad Badania Srodkow Spozywczych Akademii Modycznej, Warszawa. (Ascorbic acid) (Meal)

BOZYK, Zbigniew; GOCH, Halina

Studies on the pijanowski method of determining C vitamin. II. Determination of the vitamin C content in cooked meals. Rocz tech chem zywn 8:51-62 '61.

1. Osrodek Naukowo-Badawczy Sluzby Zywnosciowej i Zakład Badania Srodkow Spozywczych, Akademia Medyczna, Warszawa. Kierownik Zakladu: prof.dr. Stanislaw Krauze.

BULGARIA/Cultivated Plants - Potatoes, Vegetables, Melons.

M-3

t ergent die ungebende, hat bestehen bestehen bestjocht state beginnen feben behande gegen die betreit de bestehen bestehen.

Abs Jour

: Ref Zhur - Biol., No 3, 1958, 10839

Author

Raynkhold, Y., G'och, V.

Inst

Title

: New. Improved Bulgarian Tomato Varieties.

Orig Pub

: Ovoshcharstvo i Gradinarstvo, 1957, No 1, 44-47

Abstract

: A comparative greenhouse trial, conducted in Bulgaria, of 6 Bulgarian varieties selected by Professor Daskalov, 4 widely used German varieties, and 4 Dutch heterozyse varieties has demonstrated the superiority of the following Bulgarian heterozyse varieties in yield: No 10 x Bizon, No 10 x Plovdivskiy konservnyy, and Kometa x Zarya. The German variety, Helfrucht, was in the fourth place. All the other ten varieties gave significantly lower yields. The Bulgarian varieties were outstanding for their heightened resistance to cladosporiosis.

Card 1/1

27

GOCHAKOV, B.G.; PROSKOVSKIY, A.M.; SHARMAGIY, Yu.V.; MAUER, A.A.

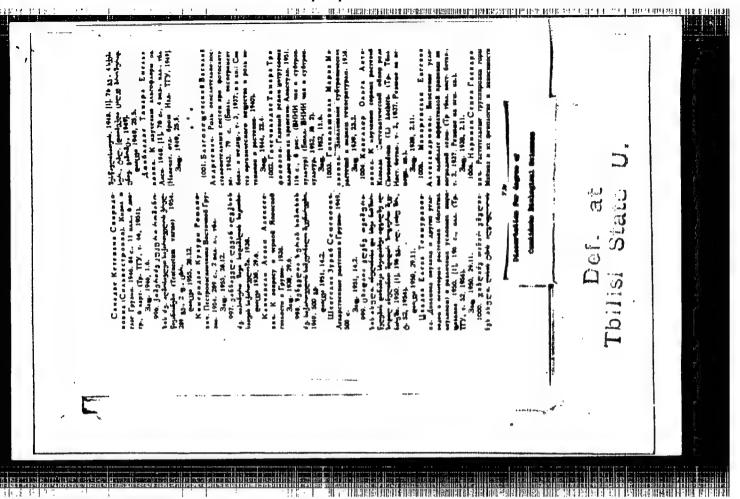
High-frequency wave trap filters with 50 to 330 kc. attenuation band. Energ. i elektrotekh. prom. no.1:20-22 '62. (MIRA 15:6)

1. Krymenergo.

(Electric filters)

(Electric power distribution—Communication systems)

TO INC. THE REPORT OF A STREET PROPERTY OF THE
Structure and fluerescence of magnesium phthalocyanine adsorbates on MgO. Al₂O₃. ZnO and glass. Dekl.AN SSSR 110 no.3:408-410 S *56. (MLRA 9:10) 1. Akademiya nauk SSSB, Institut hickhimii imeni A.N. Bukha. Predstavleno akademikem N.V. Belevym. (Phthalecyanine) (Adsorption)



RABINOVICH, I.B.; NIKOLAYEV, P.N.; COCHALIYEV, E.E.; TRET YAKOVA, N.N.

Isotopic effect on the liquid-vapor equilibrium of binary systems containing deuterium compounds. Dokl. AN SSSR 110 no.2:241-244 S *56. (MLRA 9:12)

1. Gor'kovskiy gosudarstvennyy universitet imeni M.I. Lobachevskogo. Predstavleno akademikom A.M. Fruskinym.

(Phase rule and equilibrium)

(Deuterium compounds)

S/020/60/132/04/38/064 B004/B007

HERE FOR THE TRANSPORTER FROM THE REPORT HERE AND A SECTION OF THE PROPERTY OF

5.4600

AUTHORS: Gochaliyev, G. Z., Zalkind, Ts. I., Veselovskiy, V. I.

TITLE: The Potential of the Platinum Electrode in an Irradiated

Sulfuric Acid Solution

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 132, No. 4,

pp. 872-875

TEXT: In earlier papers (Refs. 1-4) the authors found that the potential of a Pt electrode in irradiated 0.8 N H₂SO₄ (irradiation dose 2.10¹⁵ ev/cm³.sec) assumes a value close to that of the potential of the H electrode. The present paper deals with the results obtained by a more intensive irradiation (6.1.10 ev/cm³.sec). The experiments were carried out with a Co⁶⁰ radiation source, and the method is described in Refs. 2 and 3. Fig. 1 shows the dependence of the potential of the Pt electrode in exygen-free 0.8 N H₂SO₄ on the duration of irradiation. Also with this intensity, selectivity of the Pt electrode with respect to the reducing radiolytic products was observed. The potential assumes a value of between

Card 1/3

The Potential of the Platinum Electrode in an Irradiated Sulfuric Acid Solution

S/020/60/132/04/38/064 B004/B007

10 and 20 mv, which remains constant up to a dose of 2.1020 ev/cm3 and then rises up to 0.85 v (Fig. 1). For the oxidation of the reducing radiolytic products and the reduction of the oxidizing radiolytic products, occurring in the irradiated solution, the authors derive equations for the currents I_R and I_{Ox} . As the reaction constant k_R^t is considerably greator than k_{0x}^{*} because of the selectivity of the Pt electrode, the potential observed results. By the escape of H into the gaseous phase the stoichometric ratio between the reducing and the oxidizing products is, however, disturbed, which leads to a positive shifting of the potential in the case of high doses. Fig. 2 shows the dependence of the depolarization current at 0.4 v on the duration of irradiation. The course of this curve is explained as follows: Due to the selectivity of the Pt electrode, the oxidation of H at first predominates. As a result of the escape of H into the gaseous phase, the reduction of $\rm H_{2}O_{2}$ is accelerated, the total current ($\rm I_{H} \sim I_{H_{2}O_{2}}$) decreases and attains negative values in the case of doses higher than 2.10²⁰ ev/cm³. If the experiment is carried out in a vessel that is hermetically sealed and completely filled with the solution so that no gaseous phase is able Card 2/3

The Potential of the Platinum Electrode in an Irradiated Sulfuric Acid Solution

S/020/60/132/04/38/064 B004/B007

to form and no hydrogen can escape, a potential of +20 mv quickly forms, which remains constant throughout the experiment (20 h)(Fig. 3). Because of the increasing concentration of the oxidizing products, the polarization current quickly decreases (Fig. 4). The ionization of the H on the Pt electrode, which is formed by radiolysis, may therefore be carried out in the case of a steady potential only if the reduction of the oxidizing products takes place at the same rate (e.g., on a second electrode which is selective for these products). At the same time, a current will flow through the outer circuit. There are 4 figures and 7 references: 6 Soviet and 1 English.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova (Physico-chemical Institute imeni L. Ya. Karpov)

PRESENTED: February 26, 1960, by A. N. Frumkin, Academician

SUBMITTED: February 25, 1960

Card 3/3

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000615510020-1 ILSO ITA BRITAN REJARK REKONSTI CONSTITUCION DE REPENSION REGIONAL PROPERTIES DE REGIONAL P

8/081/62/000/010/015/085 B138/B101

21.4300 AUTHORS:

Zalkind, Ts. I., Miller, N. B., Gochalivey, G. Z.,

Veselovskiy, V. I.

Radiation electrochemical processes in aqueous electrolyte TITLE:

solutions

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 10, 1962, 62, abstract 10B416 (Tr. Tashkentsk. konferentsii po mirn. ispol'zovaniyu atomn. energii, 1959, v. 1. Tashkent, AN UzSSR, 1961, 347-354)

TEXT: By means of electron measurements on Pt-, Au- and Hg-electrodes, a study has been made of the radiation electrochemical processes that occur in solutions of H_2SO_4 , and of H_2SO_4 with additions of U(4+), U(6+), (COOH), during Co^{6C} γ radiation. From the results it is concluded that both molecular hydrogen and H atoms are ionized. (Their stationary concentration at a dose rate of 6.1.1016 ev/cm2 sec was assessed as 2.3.10-5 K; this diminished with pH). On the Hg-electrode in the presence of O2 the HO2 radical is reduced. It was found that if the solutions of Card 1/2